

SEQUENCE LISTING

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<110> Zeon Corp.
<120> Recombinant Herpes Virus and Use Thereof
<130> P852
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<170> PatentIn version 3.2
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<223> Infecitous laryngotracheitis virus and artificial ORF
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Ala Ile Gly Ser Gly Ala Pro Lys Glu Pro Gln Ile Arg Asn Arg Ile
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Phe Ala Cys Ser Ser Pro Thr Gly Ala Ser Val Ala Arg Leu Ala Gln
65          70          75          80
Pro Arg His Cys His Arg His Ala Asp Ser Thr Asn Met Thr Glu Gly
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Thr Leu Tyr Tyr Lys His Ile Thr Thr Val Thr Thr Trp Ala Leu Phe
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Ser Arg Pro Gln Ile Thr Asn Glu Tyr Val Thr Arg Val Pro Ile Asp
130         135         140
Tyr His Glu Ile Val Arg Ile Asp Arg Ser Gly Glu Cys Ser Ser Lys
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Ala Thr Tyr His Lys Asn Phe Met Phe Phe Glu Ala Tyr Asp Asn Asp
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Glu Arg Glu Lys Lys Leu Pro Leu Val Pro Ser Leu Leu Arg Ser Thr
180         185         190
Val Ser Lys Ala Phe His Thr Thr Asn Phe Thr Lys Arg His Gln Thr
195         200         205
Leu Gly Tyr Arg Thr Ser Thr Ser Val Asp Cys Val Val Glu Tyr Leu
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Gln Ala Arg Ser Val Tyr Pro Tyr Asp Tyr Phe Gly Met Ala Thr Gly
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Asp Thr Val Glu Ile Ser Pro Phe Tyr Thr Lys Asn Thr Thr Gly Pro
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Tyr Gln Val Arg Asp Leu Glu Thr Gly Gln Ile Arg Pro Pro Lys Lys
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Glu Glu Lys Glu Ser Val Cys Thr Leu Ser Lys Trp Ile Glu Val Pro
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325         330         335
Asp Met Thr Met Thr Phe Ser Ser Gly Lys Gln Pro Phe Asn Ile Ser
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355         360         365
Asp Gly Ile Phe Ala Arg Lys Tyr Ser Ser Thr His Val Arg Ser Gly
370         375         380

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Asp Ile Glu Tyr Tyr Leu Gly Ser Gly Gly Phe Leu Ile Ala Phe Gln
 385 390 395 400
 Lys Leu Met Ser His Gly Leu Ala Glu Met Tyr Leu Glu Glu Ala Gln
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 Arg Gln Asn His Leu Pro Arg Gly Arg Glu Arg Arg Gln Gly Asp Leu
 420 425 430
 Tyr Lys Cys Gly Met Ala Asp Tyr Asp His Glu Gln Thr Val Arg Thr
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 Phe Ala Cys Ser Ser Pro Thr Gly Ala Ser Val Ala Arg Leu Ala Gln
 65 70 75 80
 Pro Arg His Cys His Arg His Ala Asp Ser Thr Asn Met Thr Glu Gly
 85 90 95
 Ile Ala Val Val Phe Lys Gln Asn Ile Ala Pro Tyr Val Phe Asn Val
 100 105 110
 Thr Leu Tyr Tyr Lys His Ile Thr Thr Val Thr Thr Trp Ala Leu Phe
 115 120 125
 Ser Arg Pro Gln Ile Thr Asn Glu Tyr Val Thr Arg Val Pro Ile Asp
 130 135 140
 Tyr His Glu Ile Val Arg Ile Asp Arg Ser Gly Glu Cys Ser Ser Lys
 145 150 155 160
 Ala Thr Tyr His Lys Asn Phe Met Phe Phe Glu Ala Tyr Asp Asn Asp
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 Glu Arg Glu Lys Lys Leu Pro Leu Val Pro Ser Leu Leu Arg Ser Thr
 180 185 190
 Val Ser Lys Ala Phe His Thr Thr Asn Phe Thr Lys Arg His Gln Thr
 195 200 205
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 210 215 220
 Gln Ala Arg Ser Val Tyr Pro Tyr Asp Tyr Phe Gly Met Ala Thr Gly
 225 230 235 240
 Asp Thr Val Glu Ile Ser Pro Phe Tyr Thr Lys Asn Thr Thr Gly Pro
 245 250 255
 Arg Arg His Ser Val Tyr Arg Asp Tyr Arg Phe Leu Glu Ile Ala Asn
 260 265 270
 Tyr Gln Val Arg Asp Leu Glu Thr Gly Gln Ile Arg Pro Pro Lys Lys
 275 280 285
 Arg Asn Phe Leu Thr Asp Glu Gln Phe Thr Ile Gly Trp Asp Ala Met
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 Glu Glu Lys Glu Ser Val Cys Thr Leu Ser Lys Trp Ile Glu Val Pro
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 Glu Ala Val Arg Val Ser Tyr Lys Asn Ser Tyr His Phe Ser Leu Lys
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 340 345 350

Arg Leu His Leu Ala Glu Cys Val Pro Thr Ile Ala Ser Glu Ala Ile
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 Asp Gly Ile Phe Ala Arg Lys Tyr Ser Ser Thr His Val Arg Ser Gly
 370 375 380
 Asp Ile Glu Tyr Tyr Leu Gly Ser Gly Gly Phe Leu Ile Ala Phe Gln
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